

weber ankraj EA

Thixotropic anchorage and fitting material

■ Description

Epoxy acrylate two-component, quick setting, thixotropic anchorage and fitting material.

■ Advantages

- High mechanical resistance in short time.
- Perfect protection against corrosion for reinforcement.

■ Range of application

- In interiors and exteriors of all buildings;
 - Reinforcement application for concretes in cases of strengthening or extra construction,
 - Fitting processes to be subject to heavy and medium load,
 - Fixing injection packers, isolation of cracks,
 - Fitting of bolts and dubbels,
 - Adhering construction materials such as concrete, stone, pre-cast, etc.

■ Application substrates

- Concrete,
- Stone,
- Please consult us for all other application substrates.

■ Performance

- Compressive strength: > 60 N/mm²
- Mixture density: 1,6 g/ml.

■ Application properties

• Curing time:

Temperature: (°C)	Gel time: (min)	Curing time: (min)
5 °C	15 - 20 min	180 min - 210 min
20 °C	5 - 6 min	60 min - 90 min
30 °C	2 - 3 min	45 min - 60 min
35 °C	1 min	30 min - 45 min

■ Conditions of application

- The surface should be sound.
- Anchorage hole should be clean, dry, free from products such as oil, grease, etc.
- The application reinforcement should be clean, free from rust and it should have loading carrying capacity desired.
- The diameter of hole for correct as 1,1 and 1,25 times of diameter of anchorage bar, the depth of anchorage hole depth (embedding depth) should be prepared with drill at 10 times levels minimum of reinforcement embedded and of anchorage bar.

■ Application

- Cap of cartridge should be opened and static mixer tip should be inserted and it should be placed in the gun.
- The first mixture of cartridge should be disposed. The material should not be used until two components are mixed thoroughly. Mixing of two components completely is understood by the color of material.
- The material mixed homogeneously should be applied up to about of hole from the bottom of anchorage hole prepared in necessary diameter and depth.
- The reinforcement to be applied should be placed in the hole carefully by rotating slowly.
- You should observe whether the material over flows or not.

■ Attention points

- The first light-colored mixture of the cartridge should not be used. Mixing of two components completely should be understood from the final material.
- Performance of material changes depending on surface resistance, content and permeability. For desired performance, pre-test should be done before the application.
- Do not expose to sun light directly.
- While applying **weber ankraj EA**, use protective gloves and goggles, avoid eye and skin contact. In case of eye or skin contact, wash with plenty of water immediately and consult a doctor.
- While applying **weber ankraj EA**, the environment should be well-ventilated.

■ Packaging

345 ml cartridge (650 gr)
(24 cartridges and 24 mixing tip in parcel).

■ Color

Component A : White
Component B : Black
Component A+B: Light grey.

■ Application tools

10/1 chemical dubbel gun.

■ Consumption

Anchorage dimensions and approximate consumption for the concrete: (valid for C 20/25 concrete and ribbed reinforcement. 5 % material loss is considered).

Reinforcement Diameter (mm)	Hole Diameter (mm)	Hole Depth (mm)	Material Required (ml)	Number of rod (unit)
-10	14	140	11,6	30
-12	16	160	15,3	22
-14	18	180	20	17
-16	20	200	25	14
-18	22	220	30,5	11
-20	24	240	37	9
-22	26	260	43,2	7
-24	28	280	50,4	6
-26	30	300	58,2	5
-28	32	320	71,5	4

■ Shelf life

- 1 year as of the production date in dry and moisture-free environment provided that packages will not be opened. (Storing the product at higher temperatures reduces the shelf life of the product).
- Do not expose it direct sun light.

FOR INFO

> The stated times apply for 20 °C substrate and ambient temperature and increase at lower temperatures and decrease at high temperatures.

> **Saint-Gobain Weber Yapı Kim. San. ve Tic. A.Ş.** is not responsible for the application errors arising from use of product beyond its intended purpose or failure to comply with the foregoing application conditions and advice on the product.



Saint-Gobain Weber
Yapı Kimyasalları San. ve Tic. A.Ş.
Ankara Karayolu 26. Km.
35171 Kemalpaşa • İzmir • Türkiye

Tel : +90 (232) 397 07 00
Fax : +90 (232) 397 08 00
www.weber.com.tr
info@weber.com.tr

